

**Appln No. 10/712,809**

**Amdt date August 18, 2005**

**Reply to Office action of June 6, 2005**

**REMARKS/ARGUMENTS**

Claims 35-52 remain in the present application, of which claims 35 and 44 are independent. None of the claims has been amended herein. Applicants respectfully request reconsideration and allowance of claims 35-52.

**I. Information Disclosure Statement (IDS) Mailed November 13, 2003**

While reviewing the Office Action mailed June 6, 2005, applicants have noticed that there is no indication that the Examiner has considered the references cited in an IDS mailed November 13, 2003 together with the Application. Applicants respectfully request that the Examiner consider the references, if they have not been considered already, and that an initialed copy of FORM PTO/SB/08A/B be entered in the application file and returned to applicants with the next communication from the Patent Office in accordance with MPEP § 609. A copy of the IDS and FORM PTO/SB/08A/B is submitted herewith for the Examiner's reference convenience.

**II. Obviousness-Type Double Patenting Rejection**

Claims 35-52 have been rejected under the judicially created doctrine of obviousness-type double patenting as allegedly being unpatentable over claims 1-4 of U.S. Patent No. 6,570,579 (the "'579 patent").

Applicants are filing herewith a terminal disclaimer in compliance with 37 CFR § 1.321(c). Therefore, applicants request that the rejection of claims 35-52 under the judicially

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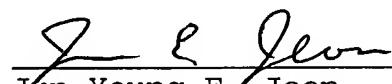
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created doctrine of obviousness-type double patenting be withdrawn. The terminal disclaimer is being filed only for the purpose of advancing prosecution of the application, and as such, should not be taken as an admission of obviousness. Further, since claims 35-52 have not been otherwise rejected, applicants request that they be allowed.

**III. Concluding Remarks**

In view of the terminal disclaimer and the above remarks, applicants respectfully request an early issuance of a patent with claims 35-52. If there are any remaining issues that can be addressed over the telephone, the Examiner is cordially invited to call applicants' attorney at the number listed below.

Respectfully submitted,  
CHRISTIE, PARKER & HALE, LLP

By   
Jun-Young E. Jeon  
Reg. No. 43,693  
626/795-9900

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*Express Mail No. EV 083063417 US*

Applicant : Alexander G. MacInnis, et al.  
Application No. : To be assigned  
Filed : November 13, 2003  
Title : APPARATUS AND METHOD FOR BLENDING GRAPHICS AND VIDEO SURFACES  
  
Grp./Div. : To be assigned  
Examiner : To be assigned  
  
Docket No. : 51374/JEJ/B600

**INFORMATION DISCLOSURE STATEMENT  
FOR A CONTINUING NON-CPA APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
November 13, 2003

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, enclosed is FORM PTO/SB/08A/B. The references listed thereon are not enclosed because they were of record in a parent application, Application No. 09/437,348, filed November 9, 1999.

It is respectfully requested that these references be considered in the examination of this application, and identified in the list of references cited on the patent issuing on this application.

Respectfully submitted,  
CHRISTIE, PARKER & HALE, LLP

By J. E. Jeon  
Jun-Young E. Jeon  
Reg. No. 43,693  
626/795-9900

JEJ/sd  
Enclosure(s)  
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FORM PTO-1449 <i>O I P E</i> AUG 22 2005 PATENT & TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE		Attorney Docket Number	51374/JEJ/B600
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	To be assigned
		Filing Date	November 13, 2003
		Applicant(s)	Alexander G. MacInnis, et al.
		Group Art Unit	To be assigned
		Examiner Name	To be assigned

#### U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,155,816	10/1992	Kohn	395	375	
	5,604,514	02/1997	Hancock	345	154	
	5,758,177	05/1998	Gulick et al	395	800.01	
	5,864,345	01/1999	Wickstrom et al.	345	431	
	5,949,439	09/1999	Ben-Yoseph et al.	345	503	
	5,956,041	09/1999	Koyamada et al	345	420	

#### FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

#### OTHER DOCUMENTS

EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	POWER TV, INC., Eagle™ Graphics/Audio Media Compositor Data Sheet, Version 1.7, February 27, 1997

EXAMINER SIGNATURE	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FORM PTO-1449		Attorney Docket Number	51374/JEJ/B600
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		Group Art Unit	<b>To be assigned</b>
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<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,867,166	02-1999	Myhrvold et al.	345	419	
	5,914,725	06-1999	Alexander G. MacInnis et al.	345	441	
	US 6,229,550 B1	05-2001	Gloudemans et al.	345	435	

<b>FOREIGN PATENT DOCUMENTS</b>						
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						YES
						NO

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	MOTOROLA, INC., MC92100 "Scorpion" Graphics Display Generator, SDRAM Controller, and Digital Video Encoder, 1997, 6 pages

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	4,020,332	04/1977	Crochiere et al	235	152	
	4,679,040	07/1987	Yan	340	747	
	5,258,747	11/1993	Oda et al	345	153	
	5,384,912	01/1995	Ogrinc et al	395	164	
	5,432,900	07/1995	Rhodes et al	395	154	
	5,615,376	03/1997	Ranganathan	395	750	
	5,664,162	09/1997	Dye	345	521	
	5,696,527	12/1997	King et al	345	112	
	5,719,593	02/1998	De Lange	345	114	
	5,745,095	04/1998	Parchem et al	345	114	
	5,790,136	08/1998	Hoffert et al	345	506	
	5,815,137	09/1998	Weatherford et al	345	145	
	5,874,967	02/1999	West et al	345	435	
	5,926,647	07/1999	Adams et al	395	800.36	
	5,963,201	10/1999	McGreggor et al	345	326	
	5,977,933	11/1999	Wicher et al	345	3	
	6,023,302	02/2000	MacInnis et al	348	597	
	6,028,583	02/2000	Hamburg	345	112	
	6,038,031	03/2000	Murphy	358	1.09	
	6,078,305	06/2000	Mizutani	345	113	
	6,100,899	08/2000	Ameline et al	345	431	
	6,133,901	10/2000	Law	345	136	
	6,151,030	11/2000	DeLeeuw et al	345	435	
	6,157,415	12/2000	Glen	348	599	
	6,205,260 B1	03/2001	Crinon et al	382	284	

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	6,208,354 B1	03/2001	Porter	345	435	
	6,239,810 B1	05/2001	Van Hook et al	345	431	
	6,252,608 B1	06/2001	Snyder et al	345	473	

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
						YES NO

OTHER DOCUMENTS	
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	BLINN, Jim; "Jim Blinn's Corner Dirty Pixels; publication; 1998; pp. 179-190; Chapter Sixteen, Compositing Theory, September 1994; Morgan Kaufman Publishers, Inc.; San Francisco, CA; U.S.A.
	FOLEY, James D., et al.; "Computer Graphics: Principles and Practice; publication; 1996, 1990; 4 pages; The Systems Programming Series, Second Edition in C; Addison-Wesley Publishing Company; U.S.A.

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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	51374/JEJ/B600
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	To be assigned
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	Applicant(s)	Alexander G. MacInnis, et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - kind code <sup>2</sup> . (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		US 5,097,257 B1	March 17, 1992	Clough et al.
		US 5,142,273 B1	August 25, 1992	Wobermin
		US 5,262,854 B1	November 16, 1993	Ng
		US 5,307,177 B1	April 26, 1994	Shibata et al.
		US 5,396,567 B1	March 7, 1995	Jass
		US 5,398,211 B1	March 14, 1995	Willenz et al.
		US 5,434,683 B1	July 18, 1995	Sekine et al.
		US 5,434,957 B1	July 18, 1995	Moller
		US 5,515,077 B1	May 7, 1996	Tateyama
		US 5,533,182 B1	July 2, 1996	Bates et al.
		US 5,614,952 B1	March 25, 1997	Boyce et al.
		US 5,621,906 B1	April 15, 1997	O'Neill et al.
		US 5,635,985 B1	June 3, 1997	Boyce et al.
		US 5,638,501 B1	June 10, 1997	Gough et al.
		US 5,640,543 B1	June 17, 1997	Farrell et al.
		US 5,742,779 B1	April 21, 1998	Steele et al.
		US 5,761,516 B1	June 2, 1998	Rostoker et al.
		US 5,764,238 B1	June 9, 1998	Lum et al.
		US 5,790,795 B1	August 4, 1998	Hough
		US 5,793,445 B1	August 11, 1998	Lum et al.

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		US 5,831,615 B1	November 3, 1998	Drews et al.
		US 5,844,608 B1	December 1, 1998	Yu et al.
		US 5,923,385 B1	July 13, 1999	Mills et al.
		US 5,949,432 B1	September 7, 1999	Gough et al.
		US 5,951,664 B1	September 14, 1999	Lambrecht et al.
		US 5,959,626 B1	September 28, 1999	Garrison et al.
		US 5,982,459 B1	November 9, 1999	Fandrianto et al.
		US 5,987,555 B1	November 16, 1999	Alzien et al.
		US 6,006,303 B1	December 21, 1999	Barnaby et al.
		US 6,018,803 B1	January 25, 2000	Kardach
		US 6,105,048 B1	August 15, 2000	He
		US 6,121,978 B1	September 19, 2000	Miler
		US 6,157,978 B1	December 5, 2000	Ng et al.
		US 6,184,908 B1	February 6, 2001	Chan et al.
		US 6,189,064 B1	February 13, 2001	MacInnis et al.
		US 6,199,131 B1	March 6, 2001	Melo et al.
		US 6,204,859 B1	March 20, 2001	Jouppi et al.
		US 6,212,590 B1	April 3, 2001	Melo et al.
		US 6,335,746 B1	January 1, 2002	Enokida et al.
		US 6,337,703 B1	January 8, 2002	Konar et al.

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FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)
		EP 0752695 A2	January 8, 1997	Sun Microsystems, Inc.	
		EP 0840505 A2	May 6, 1998	Texas Instruments Incorporated	
		WO 00/28518 A2	May 18, 2000	Broadcom Corporation	

OTHER DOCUMENTS					
EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		SUN, HUIFANG et al., A New Approach for Memory Efficient ATV Decoding, 1997 IEEE International Conference on Consumer Electronics, Pages 174-175, Los Angeles, 1997.			

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		BAO, JAY et al., HDTV Down-Conversion Decoder, IEEE Transactions on Consumer Electronics, Pages 402-410, Volume 42, No. 3, August 1996.
		MOKRY, ROBERT et al., Minimal Error Drift in Frequency Scalability for Motion-Compensated DCT Coding, IEEE Transactions on Circuits and Systems for Video Technology, Pages 392-406, Volume 4, No. 4, August 1994.
		VETRO, ANTHONY et al., Minimum Drift Architecture for 3-Layer Scalable DTV Decoding, IEEE Transactions on Consumer Electronics, Pages 527-536, Volume 44, No. 3, August 1998.
		DONG-HO LEE, JONG-SEOK PARK AND YUNG-GIL KIM, "HDTV Video Decoder Which Can Be Implemented With Low Complexity," IEEE International Conference on Consumer Electronics, Pages 6-7, 1994.
		SUN, HUIFANG, "Hierarchical Decoder For MPEG Compressed Video Data," IEEE Transactions on Consumer Electronics, Pages 559-564, Volume 39, No. 3, August 1993.
		YU, HAOPING et al., "Block-Based Image Processor For Memory Efficient MPEG Video Decoding," 1999 IEEE International Conference on Consumer Electronics, Pages 114-115, Los Angeles, 1999.

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		US 5,600,364 B1	02-04-1997	Hendricks et al.
		US 5,619,337 B1	04-08-1997	Naimpally
		US 5,625,611 B1	04-29-1997	Yokota et al.
		US 5,790,842 B1	08-04-1998	Charles et al.
		US 5,920,572 B1	07-06-1999	Washington et al.
		US 6,088,355 B1	07-11-2000	Mills et al.
		US 6,160,989 B1	12-12-2000	Hendricks et al.
		US 6,263,019 B1	07-17-2001	Ryan
		US 6,263,396 B1	07-17-2001	Cottle et al.
		US 6,269,107 B1	07-31-2001	Jong
		US 6,311,204 B1	10-30-2001	Mills

FOREIGN PATENT DOCUMENTS					
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		4,367,466	01-04-1983	Takeda et al.
		4,688,033	08-18-1987	Carini et al.
		5,043,714	08-27-1991	Perlman
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	Applicant(s)	Alexander G. MacInnis et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

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OTHER DOCUMENTS		
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